

April 29, 2001. The amendments are identical to the previously filed preliminary amendment.

Kindly enter the following amendments prior to examining this application.

In the specification:

On page 3, line 2, replace “?-linked” with “ β -linked”.

On page 8, line 24, replace “?-glucosyltransferase” with “ β -glucosyltransferase”.

On page 8, line 25-26, replace “?-strands are magenta, the aligned ?-helices” with “ β -strands are magenta, the aligned α -helices”.

On page 8, line 26-27, replace “?-glucosyltransferase” with “ β -glucosyltransferase”.

On page 186, lines 13 to 22, delete the paragraph on page 186 beginning with the word “Abstract” on line 13 and deleting all text to and including “glucosyltransferase structure prediction” on line 22.

On page 187, line 6, please replace “ $\gamma=64.294$, $\gamma=83.520$, ??????????” with “ $\alpha = 64.294$, $\beta = 83.520$, $\gamma = 65.448$ ”

On page 188, line 15, please replace “ I/γ ” with “ I/σ ”

On page 188, line 23, please replace “ $|F| > 2\gamma$ ” with “ $|F| > 2\sigma$ ”

On page 188, line 29, in footnote 1, please replace “ $|I_i - \langle I \rangle| / \gamma I_i$ ” with “ $\Sigma |I_i - \langle I \rangle| / \Sigma I_i$ ”

On page 188, line 30, in footnote 2, please replace “Mean isomorphous difference = $\gamma |F_{PH} - F_P|$ ” with “Mean isomorphous difference = $\Sigma |F_{PH} - F_P| / \Sigma F_{PH}$ ”.

On page 188, line 33, in footnote 5, please replace “R-factor = $\gamma ||F_{obs}| - |F_{calc}|| / \gamma |F_{obs}|$ ” with “R-factor = $\Sigma ||F_{obs}| - |F_{calc}|| / \Sigma |F_{obs}|$ ”

On page 189, lines 2, please replace “ γ/γ ” with “ α/β ”.

On page 189, line 3, please replace “C?” with “ $C\alpha$ ”.

On page 189, line 4, please replace “?-strands and six ?-helices” with “ β -strands and six α -helices”.

On page 189, line 5-6, please replace “six parallel ?-strands and eight ?-helices” with “six parallel β -strands and eight α -helices”.

On page 189, line 7, please replace “(?-link)” with “(α -link)”.

- On page 189, line 7, please replace "first ?-strand" with "first β -strand".
- On page 189, line 8, please replace "The ?-strands" with "The β -strands".
- On page 189, line 9, please replace "seventh ?-strand" with "seventh β -strand".
- On page 189, line 10, please replace "the ?-link of the C-domain" with "the α -link of the C-domain".
- On page 189, line 14, please replace "from C-?5 to the loop connecting N-?5 to N-?5" with "from C- α 5 to the loop connecting N- β 5 to N- α 5".
- On page 189, line 15, please replace "The ?? open-sheet motif" with "The α/β open-sheet motif".
- On page 189, line 19, "please replace "one ?-strand and the amino terminus of the adjacent ?-helix" with "please replace "one β -strand and the amino terminus of the adjacent α -helix".
- On page 190, line 4, please replace "between N-?1/N-?1 and N-?4/N-?4)" with "between N- β 1/N- α 1 and N- β 4/N- α 4)".
- On page 190, line 5, please replace "between C-?1/C-?1" with "between C- β 1/C- α 1".
- On page 190, line 13, please replace "C? atoms" with "C α atoms".
- On page 190, line 13, please replace "T4 ?-glucosyltransferase" with "T4 β -glucosyltransferase".
- On page 190, line 21, please replace "the first ?-strand" with "the first β -strand".
- On page 190, line 21, please replace "helix C-?4" with "helix C- α 4".
- On page 191, line 24, please replace "from the end of N-?5 to the middle of N-?5" with "from the end of N- β 5 to the middle of N- α 5".
- On page 192, line 28, please replace "??/?? supersecondary" with " α/β supersecondary".

REMARKS

The amendments replace question marks temporarily inserted by a typist unfamiliar with Greek characters used describing amino acid or protein structure and statistical symbols and inadvertently left in the application. Their meaning is invariably obvious since "helices" refers to " α -helices" and "strands" refers to " β -strands". References to the location of specific domains, for example on page 190, line 4 is clearly depicted in Figure